

User ID: HPI

QUICKLOOK CRITERIA PARAMETERS

Report Request ID: 1327124

Report Code: AMP450

Apr. 27, 2015

GEOGRAPHIC SELECTIONS

| Tribal Code | State | County | Site | Parameter | POC | City | AQCR | UAR | CBSA | CSA | EPA Region |
|-------------|-------|--------|------|-----------|-----|------|------|-----|------|-----|------------|
| | 49 | | | 42602 | | | | | | | |

PROTOCOL SELECTIONS

| Parameter Classification | Parameter | Method | Duration |
|--------------------------|-----------|--------|----------|
| | | | |

QUICK LOOK

SELECTED OPTIONS

| Option Type | Option Value |
|--------------------|-------------------------------------|
| WORKFILE DELIMITER | , |
| MERGE PDF FILES | YES |
| EVENTS PROCESSING | EXCLUDE REGIONALLY CONCURRED EVENTS |
| AGENCY ROLE | PQAO |

SORT ORDER

| Order | Column |
|-------|----------------|
| 1 | PARAMETER_CODE |
| 2 | STATE_CODE |
| 3 | COUNTY_CODE |
| 4 | SITE_ID |
| 5 | POC |
| 6 | DATES |
| 7 | EDT_ID |

DATE CRITERIA

| Start Date | End Date |
|------------|----------|
| 2014 | 2014 |

APPLICABLE STANDARDS

| Standard Description |
|----------------------------------|
| CO 1-hour 1971 |
| CO 8-hour 1971 |
| Lead 3-Month 2009 |
| Lead 3-Month PM10 Surrogate 2009 |
| NO2 1-hour |
| NO2 Annual 1971 |
| Ozone 1-hour Daily 2005 |
| Ozone 8-Hour 2008 |
| PM10 24-hour 2006 |
| PM25 24-hour 2013 |
| PM25 Annual 2013 |
| SO2 1-hour 2010 |
| SO2 24-hour 1971 |
| SO2 3-hour 1971 |
| SO2 Annual 1971 |

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EXCEPTIONAL DATA TYPES

| EDT | DESCRIPTION |
|-----|----------------------------------|
| 0 | NO EVENTS |
| 1 | EVENTS EXCLUDED |
| 2 | EVENTS INCLUDED |
| 5 | EVENTS WITH CONCURRENCE EXCLUDED |

Note: The * indicates that the mean does not satisfy summary criteria.

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Nitrogen dioxide (NO2) (42602)

Utah

Parts per billion (008)

| SITE ID | P O C | PQAO | CITY | COUNTY | ADDRESS | YEAR | METH | COMP QTRS | 1ST | 2ND | 98TH PCTL | OBS | PCT COMP | CERT | |
|-------------|-------------|------|----------------|------------|---|------|------|--------------|-------------|-------------|--------------|------|-------------|---------------|--------------------|
| | | | | | | | | | MAX 1-HR | MAX 1-HR | | | | ARITH MEAN | and EVAL EDT |
| 49-005-0004 | 1 | 1113 | Logan | Cache | 125 W. CENTER STREET, LOGAN, UT | 2014 | 074 | 4 | 58.0 | 49.0 | 45.0 | 8526 | 97 | 11.43 | 0 |
| 49-007-1003 | 1 | 1113 | Price | Carbon | On Prperty of Resident at 351 W 2500 E. Price, Utah | 2014 | 074 | 4 | 40.0 | 39.0 | 30.0 | 8724 | 100 | 3.31 | 0 |
| 49-011-0004 | 1 | 1113 | Bountiful | Davis | 171 WEST 1370 NORTH, BOUNTIFUL, UTAH | 2014 | 074 | 3 | 64.0 | 63.0 | 60.0 | 7859 | 90 | 13.74 | 0 |
| 49-013-0002 | 1 | 1113 | Roosevelt | Duchesne | 290 S. 1000 W. | 2014 | 074 | 4 | 42.2 | 41.4 | 34.3 | 8445 | 96 | 4.73 | 0 |
| 49-013-7011 | 1 | 0969 | Not in a city | Duchesne | 6000 SOUTH AND 10000 WEST (MYTON) | 2014 | 082 | 1 | 28.7 | 23.1 | 23.1 | 2236 | 26 | 2.63* | 0 |
| 49-035-3006 | 1 | 1113 | Salt Lake City | Salt Lake | 1675 SOUTH 600 EAST, SALT LAKE CITY | 2014 | 074 | 4 | 58.0 | 53.0 | 48.0 | 7999 | 91 | 14.12 | 0 |
| 49-047-1003 | 1 | 1113 | Vernal | Uintah | 220 South 1000 East | 2014 | 074 | 4 | 62.0 | 62.0 | 54.0 | 8179 | 93 | 8.56 | 0 |
| 49-047-2002 | 1 | 1351 | Not in a city | Uintah | 2 Miles west of Redwash atop Deadman's Bench | 2014 | 074 | 0 | 24.0 | 21.0 | 20.0 | 2690 | 31 | 3.51* | 0 |
| 49-047-2003 | 1 | 1351 | Not in a city | Uintah | 2 miles south of Ouray and south of the White and Green River confluence | 2014 | 074 | 0 | 27.0 | 22.0 | 47.0 | 1052 | 12 | 7.27* | 0 |
| 49-047-7022 | 1 | 0969 | Not in a city | Uintah | WHITEROCKS & COUNTY ROAD | 2014 | 082 | 2 | 12.1 | 10.7 | 9.8 | 3970 | 45 | .97* | 0 |
| 49-049-0002 | 1 | 1113 | Provo | Utah | 1355 NORTH 200 WEST PROVO UT | 2014 | 074 | 4 | 88.0 | 81.0 | 62.0 | 8291 | 95 | 16.69 | 0 |
| 49-053-0007 | 1 | 1113 | Hurricane | Washington | 147 N 870 W, | 2014 | 074 | 1 | 31.0 | 25.0 | 24.0 | 4010 | 46 | 2.62* | 0 |

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Utah

Parts per billion (008)

| SITE ID | P O C | PQAO | CITY | COUNTY | ADDRESS | YEAR | METH | COMP QTRS | 1ST | 2ND | 98TH PCTL | OBS | PCT COMP | CERT | |
|-------------|-------------|------|-------|--------|--|------|------|--------------|-------------|-------------|--------------|------|-------------|---------------|--------------------|
| | | | | | | | | | MAX 1-HR | MAX 1-HR | | | | ARITH MEAN | and EVAL EDT |
| 49-057-0002 | 1 | 1113 | Ogden | Weber | Hurricane, Utah 228 32ND STREET, OGDEN, UTAH | 2014 | 074 | 2 | 60.0 | 56.0 | 54.0 | 5585 | 64 | 15.91* | 0 |

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Lead (TSP) LC

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Note: These reported values do not reflect the combination of 14129 and 85129 and validation substitution tests utilized for Design Value Calculations

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METHODS USED IN THIS REPORT

| PARAMETER | METHOD CODE | COLLECTION METHOD | ANALYSIS METHOD |
|-----------|----------------|-------------------|-------------------|
| 42602 | 074 | INSTRUMENTAL | CHEMILUMINESCENCE |
| 42602 | 082 | INSTRUMENTAL | CHEMILUMINESCENCE |

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PQAOS USED IN THIS REPORT

| PQAO | AGENCY DESCRIPTION |
|------|--|
| 0969 | Sonoma Technology |
| 1113 | Utah Department Of Environmental Quality |
| 1351 | Golder Associates, Inc. |

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CERTIFICATION EVALUATION AND CONCURRENCE FLAG MEANINGS

| FLAG | MEANING |
|------|---|
| M | The monitoring organization has revised data from this monitor since the most recent certification letter received from the state. |
| N | The certifying agency has submitted the certification letter and required summary reports, but the certifying agency and/or EPA has determined that issues regarding the quality of the ambient concentration data cannot be resolved due to data completeness, the lack of performed quality assurance checks or the results of uncertainty statistics shown in the AMP255 report or the certification and quality assurance report. |
| S | The certifying agency has submitted the certification letter and required summary reports. A value of "S" conveys no Regional assessment regarding data quality per se. This flag will remain until the Region provides an "N" or "Y" concurrence flag. |
| U | Uncertified. The certifying agency did not submit a required certification letter and summary reports for this monitor even though the due date has passed, or the state's certification letter specifically did not apply the certification to this monitor. |
| X | Certification is not required by 40 CFR 58.15 and no conditions apply to be the basis for assigning another flag value |
| Y | The certifying agency has submitted a certification letter, and EPA has no unresolved reservations about data quality (after reviewing the letter, the attached summary reports, the amount of quality assurance data submitted to AQS, the quality statistics, and the highest reported concentrations). |

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